

ns1.isp.provider.com

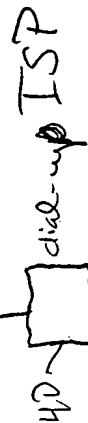
smtp 40, mail provider.com
 backup mail exchange
 for customer's network

ns1.isp.provider.com



FIG. 1

primary master
 name server
 for customer.com zone



48

primary
 mail exchange

news server

web server

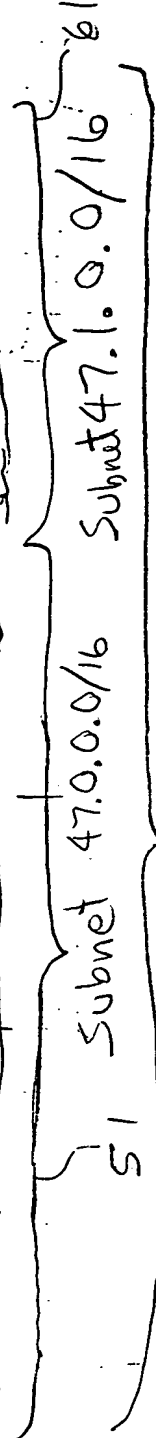
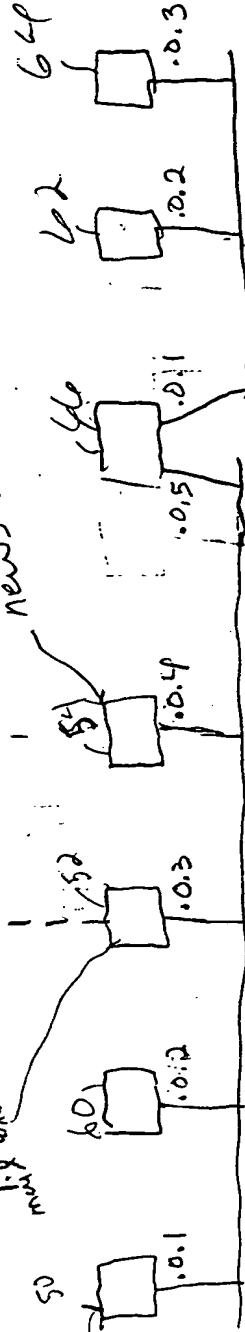


FIGURE 1A

NAME	TYPE	CLASS	RDATA
customer.com.	SOA	IN	mname=ns1.nsprovider.com.
customer.com.	NS	IN	ns1.nsprovider.com.
mail.customer.com.	MX	IN	preference=0 exchange=dopey.customer.com.
mail.customer.com.	MX	IN	preference=10 exchange=smtp40.mailprovider.com.
www.customer.com.	CNAME	IN	grumpy.customer.com.
news.customer.com.	CNAME	IN	bashful.customer.com.
gw.customer.com.	CNAME	IN	dopey.customer.com.
grumpy.customer.com.	A	IN	47.0.0.1
sneezy.customer.com.	A	IN	47.0.0.2
dopey.customer.com.	A	IN	47.0.0.3
bashful.customer.com.	A	IN	47.0.0.4
happy.customer.com.	A	IN	47.0.0.5
happy.customer.com.	A	IN	47.1.0.1
hewey.customer.com.	A	IN	47.1.0.2
dewey.customer.com.	A	IN	47.1.0.3

FIGURE 1B - 1

NAME	TYPE	CLASS	RDATA
customer.com.	DTG_ID	IN	id=3711 rtstValid=false RTST=<undefined>
grumpy.customer.com.	DTG_INFO	IN	DTG identifier=3711 original RR type=A original RDATA length=4 original RDATA=47.0.0.1 inactive response type=1 text length=26 alternate RDATA length=<undefined> optional text=The network is unavailable optional alternate RR TTL=<undefined> optional alternate RDATA=<undefined>
sneezy.customer.com.	DTG_INFO	IN	DTG identifier=3711 original RR type=A original RDATA length=4 original RDATA=47.0.0.2 inactive response type=1 text length=0 alternate RDATA length=<undefined> optional text=<undefined> optional alternate RR TTL=<undefined> optional alternate RDATA=<undefined>
dopey.customer.com.	DTG_INFO	IN	DTG identifier=3711 original RR type=A original RDATA length=4 original RDATA=47.0.0.3 inactive response type=0 text length=0 alternate RDATA length=<undefined> optional text=<undefined> optional alternate RR TTL=<undefined> optional alternate RDATA=<undefined>

[illegible]

NAME	TYPE	CLASS	RDATA
dewey.customer.com.	DTG_INFO	IN	DTG identifier=3711 original RR type=A original RDATA length= original RDATA=47.1.0.3 inactive response type=0 text length=0 alternate RDATA length=<undefined> optional text=<undefined> optional alternate RR TTL=<undefined> optional alternate RDATA=<undefined>
mail.customer.com.	DTG_INFO	IN	DTG identifier=3711 original RR type=MX original RDATA length=22 original RDATA= preference=0 exchange=dopey.customer.com. inactive response type=0 text length=0 alternate RDATA length=<undefined> optional text=<undefined> optional alternate RR TTL=<undefined> optional alternate RDATA=<undefined>

200A
B6TET 32572500

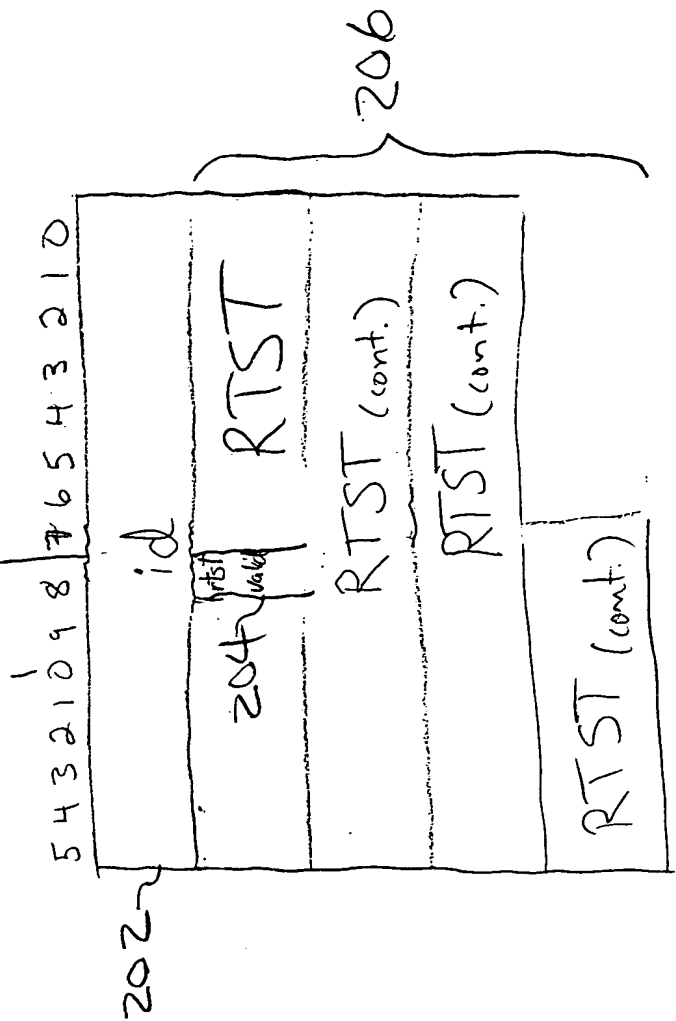


Figure 2

300 304 310 314 316 318 320

300

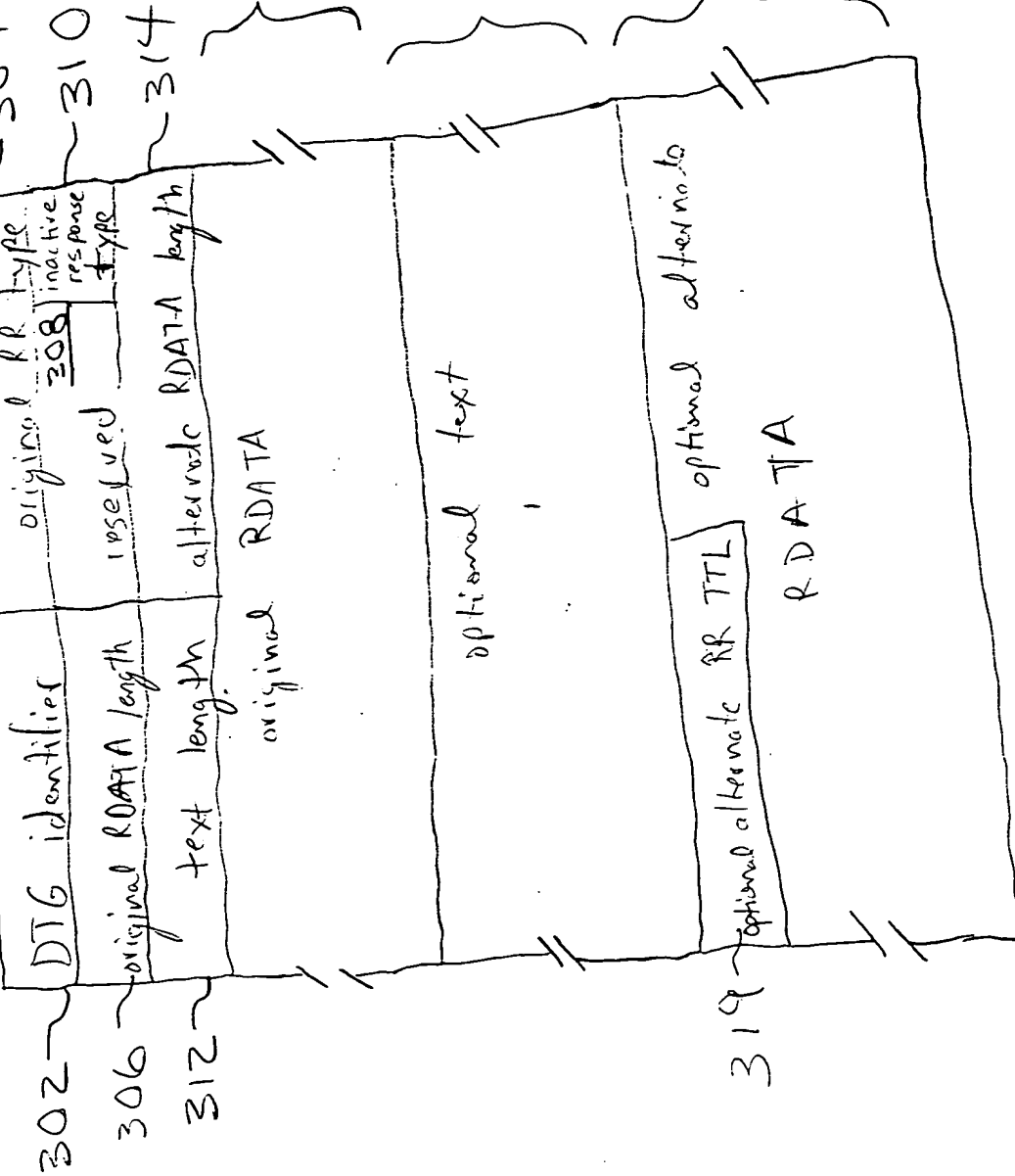


Figure 3

RTST RDATA Format

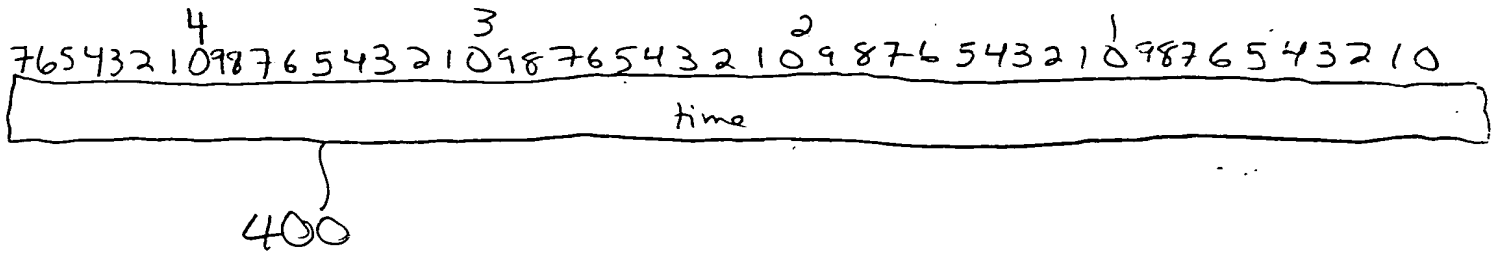


FIG. 4

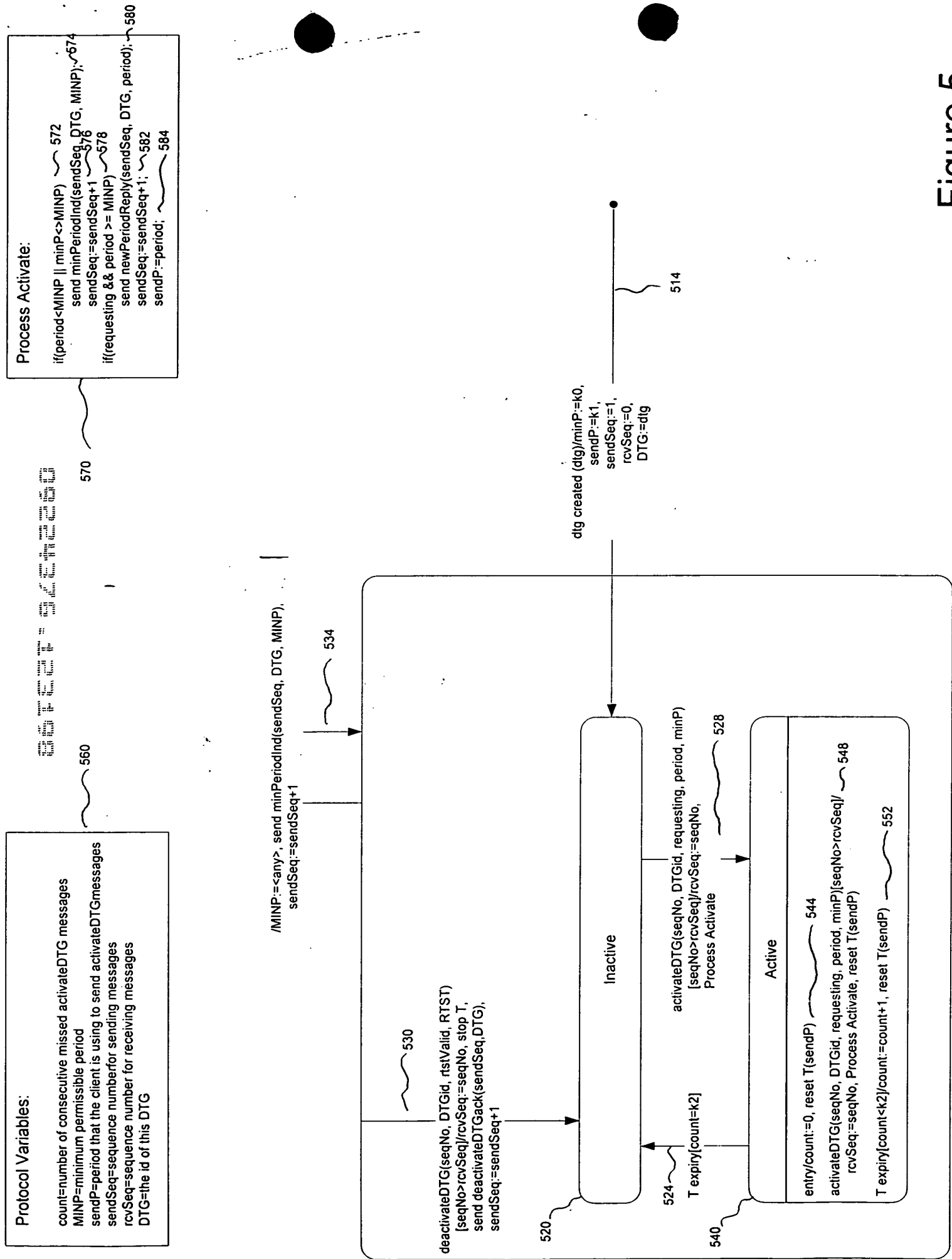


Figure 5

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660 ~

634



660 ~

660 ~

